AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of claims:

1. (currently amended) A compound, a pharmacologically acceptable salt thereof or hydrates thereof, which is represented by the formula (I):

$$\mathbb{R}^{2} \xrightarrow{\mathbb{Q}} \mathbb{N}$$

$$\mathbb{N}$$

$$\mathbb{N}$$

$$\mathbb{N}$$

$$\mathbb{N}$$

$$\mathbb{N}$$

$$\mathbb{N}$$

$$\mathbb{N}$$

wherein R¹ represents 1) hydrogen, 2) hydroxyl, 3) a halogen atom, 4) an optionally substituted C1-C8 alkyl group or 5) formula -NR⁴R⁵, wherein R⁴ and R⁵ are the same as or different from each other and each represents hydrogen, a C1-C8 alkyl group, a C3-C8 cycloalkyl group, or a C2-C5 saturated cyclic amino group which is formed with the nitrogen to which they bind,

whereupon this ring may contain oxygen, sulfur or nitrogen other than the nitrogen and may be substituted with a C1-C4 alkyl group which may be substituted with a halogen atom; R^2 represents 1) hydrogen, 2) a halogen atom, 3) formula $-NR^6R^7$, wherein R^6 and R^7 are the same as or different from each other and each represents hydrogen, a C2-C5 acyl group, a C1-C8 alkyl group or

a C3-C8 cycloalkyl group, or R^6 and R^7 represent a C2-C5 saturated cyclic amino group which is formed with the nitrogen to which they bind, whereupon this ring may contain oxygen, sulfur or nitrogen other than said nitrogen and may be substituted with a C1-C4 alkyl group which may be substituted with a halogen atom), 4) a C2-C8 alkynyl group which may be substituted with a halogen atom, hydroxyl, a C1-C4 alkyl group or a C3-C6 cycloalkyl group, 5) a C3-C8 alkenyl group which may be substituted with a halogen atom, hydroxyl or a C1-C4 alkyl group, 6) a C1-C8 alkyl group which may be substituted with a halogen atom, hydroxyl or a C1-C4 alkyl group or 7) a C1-C8 alkoxy group which may be substituted with a halogen atom, hydroxyl or a C1-C4 alkyl group; R3 represents 1) a C3-C8 alkynyl group which may be substituted with a halogen atom, hydroxyl or a C1-C4 alkyl group, 2) a C3-C8 alkenyl group which may be substituted with a halogen atom, hydroxyl or a C1-C4 alkyl group, 3) an optionally substituted heteroaryl group wherein the heteroaryl group is selected from the group consisting of a pyrrole group, a pyrazolyl group, an imidazolyl group, a triazolyl group, a tetrazolyl group, a thiazolyl group, a pyridyl group, a pyrimidyl group and a pyrazinyl group, 4) a 1,2-dihydro-2-oxopyridyl group which may be substituted with a) a halogen atom or a C1-C6 alkyl group, and whose nitrogen atom may further be substituted with b-1) a Cl-C6 alkyl group which

may be substituted with a halogen atom, hydroxyl or optionally protected carboxyl group, b-2) an optionally substituted C3-C6 cycloalkyl-C1-C4 alkyl group or b-3) optionally substituted C3-C6 cycloalkyl group, 5) а dihydroxopyrimidyl group which may be substituted with a) halogen atom or a C1-C6 alkyl group, and whose nitrogen atom is further substituted with b-1) a C1-C6 alkyl group which may be substituted with a halogen atom, hydroxyl or an optionally protected carboxyl group, b-2) an optionally substituted C3-C6 cycloalkyl-C1-C4 alkyl group or b-3) a C3-C6 cycloalkyl group or 6) a dihydroxo- or tetrahydrodioxopyrazinyl group which may be substituted with a) a halogen atom or a C1-C6 alkyl group, and whose nitrogen atom is further substituted with b-1) a C1-C6 alkyl group which may be substituted with a halogen atom, hydroxyl or an optionally protected carboxyl group, b-2) optionally substituted C3-C6 cycloalkyl-C1-C4 alkyl group or b-3) a C3-C6 cycloalkyl group; Ar represents 1) an optionally substituted aryl group, 2) an optionally substituted heteroaryl group, wherein the heteroaryl group is selected from the group consisting of a pyrrole group, a pyrazolyl group, an imidazolyl group, a triazolyl group, a tetrazolyl group, a thiazolyl group, a pyridyl group, a pyrimidyl group and a pyrazinyl group, 3) an oxopyridyl group which may be substituted with a halogen atom or Cl-C6 alkyl group, and whose nitrogen atom is

substituted with a C1-C6 alkyl group or a C3-C6 cycloalkyl group or 4) an oxopyrimidyl group which may be substituted with a halogen atom or a C1-C6 alkyl group, and whose nitrogen atom is further substituted with a C1-C6 alkyl group or a C3-C6 cycloalkyl group; and Q and W represent N.

- 2. (previously presented) The compound according to claim $1 \text{, a pharmacologically acceptable salt thereof or hydrates } \\ \text{thereof, wherein } R^2 \text{ is a hydrogen atom.}$
- 3. (previously presented) The compound according to claim 1 or 2, a pharmacologically acceptable salt thereof or hydrates thereof, wherein R³ represents 1) an optionally substituted heteroaryl group, 2) a 1,2-dihydro-2-oxopyridyl group which may be substituted with a) a halogen atom or a C1-C6 alkyl group, and whose nitrogen atom may further be substituted with b-1) a C1-C6 alkyl group which may be substituted with a halogen atom, hydroxyl or an optionally protected carboxyl group, b-2) an optionally substituted C3-C6 cycloalkyl-C1-C4 alkyl group or b-3) an optionally substituted C3-C6 cycloalkyl group, 3) a dihydroxopyrimidyl group which may be substituted with a) a halogen atom or a C1-C6 alkyl group, and whose nitrogen atom is further substituted with b-1) a C1-C6 alkyl group which may be substituted with a halogen atom, hydroxyl, or an optionally

protected carboxyl group, b-2) an optionally substituted C3-C6 cycloalkyl-C1-C4 alkyl group or b-3) a C3-C6 cycloalkyl group, or 4) a dihydroxo or tetrahydrodioxopyrazinyl group which may be substituted with a) a halogen atom or a C1-C6 alkyl group, and whose nitrogen atom is further substituted with b-1) a C1-C6 alkyl group which may be substituted with a halogen atom, hydroxyl or an optionally protected carboxyl group, b-2) an optionally substituted C3-C6 cycloalkyl-C1-C4 alkyl group, or b-3) a C3-C6 cycloalkyl group.

4. (previously presented) The compound according to claim 1, a pharmacologically acceptable salt thereof or hydrates thereof, wherein R³ represents 1) an optionally substituted pyridyl group, 2) an optionally substituted pyrimidyl group, 3) a 1,2-dihydro-2-oxopyridyl group which may be substituted with a) a halogen atom or a C1-C6 alkyl group, and whose nitrogen atom is further substituted with b-1) a C1-C6 alkyl group which may be substituted with a halogen atom, hydroxyl or an optionally protected carboxyl group; b-2) an optionally substituted C3-C6 cycloalkyl-C1-C4 alkyl group; or b-3) an optionally substituted C3-C6 cycloalkyl-C1-C4 alkyl group, or 4) a dihydroxopyrimidyl group which may be substituted with a) a halogen atom or a C1-C6 alkyl group, and whose nitrogen atom is further substituted with b-1) a C1-C6 alkyl group which may be

substituted with a halogen atom, hydroxyl or an optionally protected carboxyl group; b-2) an optionally substituted C3-C6 cycloalkyl-C1-C4 alkyl group; or b-3) a C3-C6 cycloalkyl group.

- 5. (previously presented) The compound according to claim 1, a pharmacologically acceptable salt thereof or hydrates thereof, wherein Ar is an optionally substituted aryl.
- 6. (previously presented) The compound according to claim 1, a pharmacologically acceptable salt thereof or hydrates thereof, wherein Ar is a phenyl substituted with a halogen atom.
- 7. (previously presented) The compound according to claim 1, a pharmacologically acceptable salt thereof or hydrates thereof, wherein R¹ is represented by the formula -NR⁴R⁵, wherein R⁴ and R⁵ are the same as or different from each other and each represents hydrogen, a C1-C8 alkyl group or a C3-C8 cycloalkyl group, or a C2-C5 saturated cyclic amino group which is formed with a nitrogen atom to which they bind, whereupon this ring may contain oxygen, sulfur or nitrogen other than the nitrogen and may be substituted with a C1-C4 alkyl group which may be substituted with a halogen atom.

- $^{\circ}$ 8. (previously presented) The compound according to claim 1, a pharmacologically acceptable salt thereof or hydrates thereof, wherein R^1 is amino.
- 9. (previously presented) The compound according to claim 1, a pharmacologically acceptable salt thereof or hydrates thereof, wherein R¹ is amino; R² is hydrogen; and R³ is 1) a pyridyl group which may be substituted with hydroxyl or a C1-C6 alkyl group or 2) a 1,2-dihydro-2-oxopyridyl group which may be substituted with a) a halogen atom or a C1-C6 alkyl group, and whose nitrogen atom may further be substituted with b-1) a C1-C6 alkyl group which may be substituted with a halogen atom, hydroxyl or an optionally protected carboxyl group; b-2) an optionally substituted C3-C6 cycloalkyl-C1-C4 alkyl group; or b-3) an optionally substituted C3-C6 cycloalkyl-C1-C4 alkyl group.
- 10. (previously presented) The compound according to claim 1, a pharmacologically acceptable salt thereof or hydrates thereof, wherein R^1 is amino, R^2 is hydrogen, and R^3 is a 1,2-dihydro-2-oxopyridyl group whose nitrogen may be substituted with a C1 to C6 alkyl group which may be substituted with a halogen atom.

- '11. (previously presented) The compound according to claim 1, a pharmacologically acceptable salt thereof or hydrates thereof, wherein R^1 is amino, R^2 is a C2 alkynyl group which is substituted with a hydroxy-C4-C6 cycloalkyl group, R^3 is a C3 alkenyl group, and Ar is a phenyl substituted with a halogen atom.
- 12. (previously presented) The compound according to claim
 1, which is selected from the following group:
- 1) 5-[6-amino-8- (3-fluorophenyl) -9 H-9-purinyl]-1-methyl-1, 2-dihydro-2-pyridinone, and
- 2) 1-{2-[6-amino-8-(3-fluorophenyl)-9-(2-propenyl)-9H-2-purinyl}-1-ethynyl}-1-cyclobutanol,

a pharmacologically acceptable salt thereof or hydrates thereof.

- 13. (canceled).
- 14. (withdrawn previously presented) The compound according to claim 1, a pharmacologically acceptable salt thereof or hydrates thereof, which is a benzoimidazole compound wherein each of Q and W means -CH.

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- 15. (withdrawn previously presented) The compound according to claim 1, a pharmacologically acceptable salt thereof or hydrates thereof, which is an imidazopyridine compound wherein one of Q and W is N, and the other is -CH.
- 16. (currently amended) A method of preventing or treating diabetes mellitus, which comprises administering an effective amount of the compound according to claim 1, a pharmacologically acceptable salt thereof or hydrates thereof to an individual in need thereof for preventing or treating diabetes mellitus.
- 17. (currently amended) A method of preventing or treating diabetic complications, which comprises administering an effective amount of the compound according to claim 1, a pharmacologically acceptable salt thereof or hydrates thereof to an individual in need thereof for preventing or treating diabetic complications.
- 18. (currently amended) A method of preventing or treating diseases against which the compound according to claim 1, a pharmacologically acceptable salt thereof or hydrates thereof is effective.

- 19. (currently amended) A method of preventing or treating diabetic retinopathy, which comprises administering an effective amount of the compound according to claim 1 to a patient in need thereof for preventing or treating diabetic retinopathy.
- 20. (previously presented) An adenosine A2 receptor antagonist comprising the compound according to claim 1, a pharmacologically acceptable salt thereof or hydrates thereof.
- 21. (previously presented) A pharmaceutical composition comprising the compound according to claim 1, a pharmacologically acceptable salt thereof or hydrates thereof and a pharmacologically acceptable carrier.
- 22. (withdrawn) 5-Amino-1-methyl-2(1H)-pyridone oxalate represented by the following formula:

$$O \bigvee_{\substack{N \\ \text{Me}}}^{\text{NH}_2}$$

23. (currently amended) A process for producing an acylaminopyridine compound-represented by the following formula:

$$\mathbb{R}^2$$
 \mathbb{Q} \mathbb{N} \mathbb{R}^3

(A3)

(wherein L^1 , R^2 , R^3 , Ar, Q and W have the same meanings as defined below, respectively), a salt thereof or hydrates thereof, which comprises allowing an aminopyrimidine compound (A2) represented by the following formula:

$$\begin{array}{c|c}
 & L^1 \\
 & W \\
 & NH_2 \\
 & R^2 & Q & NHR^3
\end{array}$$

(A2)

(wherein L¹ represents a halogen atom; R² represents 1) hydrogen, 2) a halogen atom, 3) formula -NR6R7 (wherein R6 and R7 are the same as or different from each other and represent hydrogen, a C2-C5 acyl group, a C1-C8 alkyl group or a C3-C8 cycloalkyl group, or R6 and R7 represent a C2-C5 saturated cyclic amino group which is formed with a nitrogen atom to which they bind, whereupon this ring may contain an oxygen atom, a sulfur atom or a nitrogen atom other than the nitrogen atom and may be substituted with a C1-C4 alkyl group which may be substituted with a halogen atom), 4) a C2-C8 alkynyl group which may be substituted with a halogen atom, hydroxyl, a C1-C4 alkyl group or a C3-C6 cycloalkyl group, 5) a C3-C8 alkenyl group which may

be substituted with a halogen atom, hydroxyl or a C1-C4 alkyl group, 6) a C1-C8 alkyl group which may be substituted with a halogen atom, hydroxyl or a C1-C4 alkyl group, or 7) a C1-C8 alkoxy group which may be substituted with a halogen atom, hydroxyl or a C1-C4 alkyl group; R3 represents 1) a C3-C8 alkynyl group which may be substituted with a halogen atom, a hydroxyl group or a C1-C4 alkyl group, 2) a C3-C8 alkenyl group which may be substituted with a halogen atom, a hydroxyl group or a C1-C4 alkyl group, 3) a C1-C8 alkyl group which may be substituted with a halogen atom, a hydroxyl group or a C1-C4 alkyl group, 4) optionally substituted aryl group, 5) an optionally substituted heteroaryl group, wherein the heteroaryl group is selected from the group consisting of a pyrrole group, a pyrazolyl group, an imidazolyl group, a triazolyl group, a tetrazolyl group, a thiazolyl group, a pyridyl group, a pyrimidyl group and a pyrazinyl group, 6) a 1,2-dihydro-2oxopyridyl group which may be substituted with a) a halogen atom or a C1-C6 alkyl group, and whose nitrogen atom may further be substituted with b-1) a C1-C6 alkyl group which substituted with a halogen atom, hydroxyl or an optionally protected carboxyl group, b-2) an optionally substituted C3-C6 cycloalkyl-C1-C4 alkyl group or b-3) an optionally substituted C3-C6 cycloalkyl group, 7) a dihydroxopyrimidyl group which may be substituted with a) a halogen atom or a C1-C6 alkyl group,

and whose nitrogen atom is further substituted with b-1) a C1-C6 alkyl group which may be substituted with a halogen atom, hydroxyl or an optionally protected carboxyl group, b-2) optionally substituted C3-C6 cycloalkyl-C1-C4 alkyl group or b-3) C3-C6 cycloalkyl group or 8) a dihydroxo tetrahydrodioxopyrazinyl group which may be substituted with a) a halogen atom or a C1-C6 alkyl group and whose nitrogen atom is further substituted with b-1) a C1-C6 alkyl group which may be substituted with a halogen atom, hydroxyl or an optionally protected carboxy, b-2) an optionally substituted cycloalkyl-C1-C4 alkyl group, or b-3) a C3-C6 cycloalkyl group; and Q and W represent N, to react with an acyl compound represented by the formula ArCOX (wherein X represents a halogen atom; and Ar represents 1) an optionally substituted aryl group, an optionally substituted heteroaryl group, wherein the heteroaryl group is selected from the group consisting of a pyrrole group, a pyrazolyl group, an imidazolyl group, a triazolyl group, a tetrazolyl group, a thiazolyl group, a pyridyl group, a pyrimidyl group and a pyrazinyl group, 3) an oxopyridyl group which may be substituted with a halogen atom or a C1-C6 alkyl group and whose nitrogen atom is substituted with a C1-C6 alkyl group or a C3-C6 cycloalkyl group, or 4) an oxopyrimidyl group which may be substituted with a halogen atom

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or a C1-C6 alkyl group and whose nitrogen atom is substituted with a C1-C6 alkyl group or a C3-C6 cycloalkyl group).

24. (withdrawn - previously presented) A process for producing an acylaminopyridine compound, acylaminopyrimidine compound or acylaminobenzene compound (A3) represented by the following formula:

(A3)

wherein L^1 , R^2 , R^3 , Ar, Q and W have the same meanings as defined above, respectively, a salt thereof or hydrates thereof, which comprises allowing an aminopyridine compound, aminopyrimidine compound or aminobenzene compound (A2) represented by the following formula:

(A2)

wherein L^1 , R^2 , R^3 , Q and W have the same meanings as defined above, respectively, to react in the presence of pyridine with an acyl compound represented by the formula ArCOX, wherein X and Ar have the same meanings as defined above, respectively.

- 25. (previously presented) The process for producing an acylaminopyrimidine compound (A3), a salt thereof or hydrates thereof according to claim 23, wherein \mathbb{R}^3 is an N-C1-C8 alkyl-2-oxopyrimidinyl group.
- 26. (withdrawn previously presented) A process for producing an imidazopyridine compound, imidazopyrimidine compound or imidazobenzene compound (A4), a salt thereof or hydrates thereof represented by the following formula:

$$\begin{array}{c|c}
 & \downarrow^{1} \\
 & \downarrow^{N} \\$$

(A4)

wherein L^1 , R^2 , R^3 , Ar, Q and W have the same meanings as defined above, respectively, which comprises subjecting an acylaminopyridine compound, acylaminopyrimidine compound or acylaminobenzene compound (A3) represented by the following formula:

$$\begin{array}{c|c}
 & H & Ar \\
 & N & O \\
 & N & N & N \\
 & N & N & N \\
 & N & N & N & N \\
 & N & N & N & N \\
 & N & N & N & N \\
 & N & N & N & N & N \\
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 & N & N & N & N$$

(A3)

wherein L^1 , R^2 , R^3 , Ar, Q and W have the same meanings as defined above, respectively, to ring-closure reaction in the presence of $POCl_3$.

27. (withdrawn) A process for producing an imidazopyridine compound, imidazopyrimidine compound or imidazobenzene compound (A4), a salt thereof or hydrates thereof represented by the following formula:

$$\mathbb{R}^2$$
 \mathbb{R}^3
 \mathbb{R}^3
 \mathbb{R}^3

(wherein L^1 , R^2 , R^3 , Ar, Q and W have the same meanings as

defined above, respectively), which comprises subjecting as

acylaminopyridine compound, acylaminopyrimidine compound or

acylaminobenzene compound (A3) represented by the following

formula:

$$\begin{array}{c|c}
 & H & Ar \\
 & N & O \\
 & N & NHR^3
\end{array}$$

(A3)

(wherein L^1 , R^2 , R^3 , Ar, Q and W have the same meanings as defined above, respectively) to ring-closure reaction in the presence of hydrochloric acid or using hydrochloride of an

acylaminopyridine compound, acylaminopyrimidine compound or acylaminobenzene compound (A3).

28. (withdrawn) A process for producing an imidazopyridine compound, imidazopyrimidine compound or imidazobenzene compound (A4), a salt thereof or hydrates thereof represented by the following formula:

$$\mathbb{R}^2$$
 \mathbb{Q}
 \mathbb{N}
 \mathbb{R}^3
(A4)

(wherein L¹, R², R³, Ar, Q and W have the same meanings as defined above, respectively), which comprises subjecting an acylaminopyridine compound, acylaminopyrimidine compound or acylaminobenzene compound (A3) represented by the following formula:

$$\mathbb{R}^2$$
 \mathbb{Q} \mathbb{N} \mathbb{R}^3

(A3)

(wherein L^1 , R^2 , R^3 , Ar, Q and W have the same meanings as defined above, respectively) to ring-closure reaction in NMP (1-methyl-2-pyrrolidone) under heating.

- 29. (withdrawn) The process for producing an imidazopyridine compound, imidazopyrimidine compound or imidazobenzene compound (A4), a salt thereof or hydrates thereof according to claims 24 and 26-28, wherein R³ is an N-C1-C8 alkyl-2-oxopyridinyl group.
- 30. (withdrawn) A process for producing an imidazopyridine compound, imidazopyrimidine compound or imidazobenzene compound (A4), a salt thereof or hydrates thereof represented by the following formula:

$$\mathbb{R}^2$$
 \mathbb{Q} \mathbb{N} \mathbb{R}^3

(wherein L^1 , R^2 , R^3 , Ar, Q and W have the same meanings as defined above, respectively), which comprises allowing an aminopyridine compound, aminopyrimidine compound or aminobenzene compound (A2) represented by the following formula:

(A2)

(wherein L^1 , R^2 , R^3 , Q and W have the same meanings as defined above, respectively) to react with an acyl compound represented by the formula ArCOX (wherein X and Ar have the same meanings as

defined above, respectively); and then subjecting the product to ring-closure reaction.

- 31. (withdrawn) The process for producing an imidazopyridine compound, imidazopyrimidine compound or imidazobenzene compound (A4), a salt thereof or hydrates thereof according to claim 30, wherein the aminopyridine compound, aminopyrimidine compound or aminobenzene compound (A2) is converted in one-pot reaction into the imidazopyridine compound, imidazopyrimidine compound or imidazobenzene compound (A4).
- 32. (withdrawn) A process for producing an aminoimidazopyridine compound, aminoimidazopyridine compound or aminoimidazobenzene compound (A5), a salt thereof or hydrates thereof represented by the formula:

$$R^2$$
 Q
 N
 R^3
 $(A5)$

(wherein L^1 , R^2 , R^3 , Ar, Q and W have the same meanings as defined above, respectively), which comprises aminating an imidazopyridine compound, imidazopyrimidine compound or imidazobenzene compound (A4) represented by the following formula:

$$\mathbb{R}^2$$
 \mathbb{Q}
 \mathbb{R}^3
 \mathbb{R}^3
 \mathbb{R}^3

(wherein L^1 , R^2 , R^3 , Ar, Q and W have the same meanings as defined above, respectively).

- 33. (withdrawn) The process for producing an aminoimidazopyridine compound, aminoimidazopyridine compound or aminoimidazobenzene compound (A5), a salt thereof or hydrates thereof according to claim 32, wherein R³ is an N-C1-C8 alkyl-2-oxopyridinyl group.
- 34. (previously presented) A process for producing an imidazopyrimidine compound (C3), a salt thereof or hydrates thereof represented by the formula:

wherein R^{13} means a C1-C6 alkyl group which may be substituted with a halogen atom, hydroxyl or an optionally protected

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carboxyl group, an optionally substituted C3-C6 cycloalkyl-C1-C4 alkyl group, or an optionally substituted C3-C6 cycloalkyl group; and \mathbb{R}^1 , the formula:

 R^2 , Ar, Q and W have the same meanings as defined above, respectively, which comprises alkylating an imidazopyrimidine compound (C2) represented by the following formula:

wherein R¹ represents 1) hydrogen, 2) hydroxyl, 3) a halogen atom, 4) an optionally substituted C1-C8 alkyl group or 5) formula -NR⁴R⁵, wherein R⁴ and R⁵ are the same as or different from each other and each represents hydrogen, a C1-C8 alkyl group or a C3-C8 cycloalkyl group, or a C2-C5 saturated cyclic amino group which is formed with a nitrogen atom to which they bind, whereupon this ring may contain oxygen, sulfur or nitrogen other than the nitrogen atom and may be substituted with a C1-C4

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alkyl group which may be substituted with a halogen atom; the formula:

represents dihydroxopyridinyl or -pyrimidyl, or dihydroxo- or tetrahydroxopyrazinyl; and R^2 , Ar, Q and W have the same meanings as defined above, respectively.

35. (currently amended) A method of preventing or treating diabetes mellitus; diabetic complications; diabetic retinopathy; diseases against which the compound according to claim 1, a pharmacologically acceptable salt thereof or hydrates thereof is effective; or diseases against which an adenosine A2 receptor antagonism is effective, by administering a pharmacologically effective amount of the compound according to claim 1, a pharmacologically acceptable salt thereof or hydrates thereof.

36. (canceled)

- 37. (previously presented) The method of claim 16 wherein an effective amount of compound is 0.03 to 1000 mg per day.
- 38. (previously presented) The method of claim 17 wherein an effective amount of compound is 0.03 to 1000 mg per day.

- 39. (previously presented) The method of claim 19 wherein an effective amount of compound is 0.03 to 1000 mg per day.
- 40. (previously presented) The method of claim 16 wherein an effective amount of compound is 0.1 to 500 mg per day.
- **41.** (previously presented) The method of claim 17 wherein an effective amount of compound is 0.1 to 500 mg per day.
- **42.** (previously presented) The method of claim 19 wherein an effective amount of compound is 0.1 to 500 mg per day.
- 43. (previously presented) The method of claim 16 wherein an effective amount of compound is 0.1 to 100 mg per day.
- 44. (previously presented) The method of claim 17 wherein an effective amount of compound is 0.1 to 500 mg per day.
- 45. (previously presented) The method of claim 19 wherein an effective amount of compound is 0.1 to 500 mg per day.
- 46. (previously presented) The method of claim 16 wherein an effective amount of compound is administered by injection and the injection amount is 1 $\mu g/Kg$.

- 47. (previously presented) The method of claim 17 wherein an effective amount of compound is administered by injection and the injection amount is 1 $\mu g/Kg$.
- 48. (previously presented) The method of claim 19 wherein an effective amount of compound is administered by injection and the injection amount is 1 $\mu g/Kg$.